

## Special Issue

# Environmental Pollution Control and Renewable Energy Conversion Technologies

### Message from the Guest Editor

This Special Issue on “Environmental Pollution Control and Renewable Energy Conversion Technologies” seeks high-quality original research articles, reviews, and case studies focusing on the development, optimization, and application of advanced technologies for pollution reduction and clean energy generation. Topics include, but are not limited to:

- Air and water pollution control technologies;
- Biomass thermochemical and biochemical conversion;
- Waste-to-energy and carbon-neutral technologies;
- Catalytic and non-catalytic processes for pollution abatement;
- Advanced oxidation and reduction processes;
- Hydrogen production and storage from renewable resources;
- Process modeling, simulation, and system optimization;
- Life cycle assessment (LCA) and techno-economic analysis of clean technologies;
- Integration of AI, machine learning, and smart control in pollution and energy systems.

We welcome contributions from academic researchers, industry professionals, and policy experts who work at the intersection of environmental science and renewable energy engineering.

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### Guest Editor

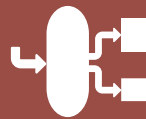
Dr. Da Cui

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### Deadline for manuscript submissions

31 October 2026



## Processes

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## About the Journal

### Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

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